

WEST[Help](#)[Logout](#)[Interrupt](#)[Main Menu](#)[Search Form](#)[Posting Counts](#)[Show S Numbers](#)[Edit S Numbers](#)[Preferences](#)[Cases](#)**Search Results -**

Term	Documents
1.CLM..USPT,PGPB.	48
(L1.CLM.).USPT,PGPB.	48

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Search:

L2

[Refine Search](#)Recall Text: [Clear](#)**Search History**DATE: Wednesday, July 16, 2003 [Printable Copy](#) [Create Case](#)

<u>Set Name</u> side by side	<u>Query</u>	<u>Hit Count</u>	<u>Set Name</u> result set
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<u>L2</u>	L1.clm.	48	<u>L2</u>
<u>L1</u>	"mage-1"	357	<u>L1</u>

END OF SEARCH HISTORY

WEST[Help](#)[Logout](#)[Interrupt](#)[Main Menu](#)[Search Form](#)[Posting Counts](#)[Show S Numbers](#)[Edit S Numbers](#)[Preferences](#)[Cases](#)**Search Results -**

Term	Documents
PRECURSOR	101490
PRECURSORS	69688
(1 SAME PRECURSOR).USPT,PGPB.	75
(L1 SAME (PRECURSOR)).USPT,PGPB.	75

Database:

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Search:

L3

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<i>DB=USPT,PGPB; PLUR=YES; OP=ADJ</i>			
<u>L3</u>	L1 same (precursor)	75	<u>L3</u>
<u>L2</u>	L1.clm.	48	<u>L2</u>
<u>L1</u>	"mage-1"	357	<u>L1</u>

END OF SEARCH HISTORY

WEST[Help](#)[Logout](#)[Interrupt](#)[Main Menu](#)[Search Form](#)[Posting Counts](#)[Show S Numbers](#)[Edit S Numbers](#)[Preferences](#)[Cases](#)**Search Results -**

Term	Documents
MAGE-1	23
MAGE-1S	0
PRECURSOR	47458
PRECURSORS	11944
(MAGE-1 SAME PRECURSOR).JPAB,EPAB,DWPI.	3
((MAGE-1)SAME (PRECURSOR)).JPAB,EPAB,DWPI.	3

Database:

US Patents Full-Text Database
US Pre-Grant Publication Full-Text Database
JPO Abstracts Database
EPO Abstracts Database
Derwent World Patents Index
IBM Technical Disclosure Bulletins

Search:

L4

[Refine Search](#)[Recall Text](#)[Clear](#)**Search History**DATE: Wednesday, July 16, 2003 [Printable Copy](#) [Create Case](#)

<u>Set Name</u> side by side	<u>Query</u>	<u>Hit Count</u>	<u>Set Name</u> result set
<i>DB=JPAB,EPAB,DWPI; PLUR=YES; OP=ADJ</i>			
<u>L4</u>	(mage-1)same (precursor)	3	<u>L4</u>
<i>DB=USPT,PGPB; PLUR=YES; OP=ADJ</i>			
<u>L3</u>	L1 same (precursor)	75	<u>L3</u>
<u>L2</u>	L1.clm.	48	<u>L2</u>
<u>L1</u>	"mage-1"	357	<u>L1</u>

END OF SEARCH HISTORY

? begin biotech
>>> 135 is unauthorized
>>>1 of the specified files is not available
16jul03 06:57:04 User208760 Session D2325.2
\$0.00 0.070 DialUnits File410
\$0.00 Estimated cost File410
\$0.01 TELNET
\$0.01 Estimated cost this search
\$0.31 Estimated total session cost 0.156 DialUnits

SYSTEM:OS - DIALOG OneSearch

File 5:Biosis Previews(R) 1969-2003/Jul W1
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File 144:Pascal 1973-2003/Jul W1
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File 155:MEDLINE(R) 1966-2003/Jul W2
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changed. Please see HELP NEWS 155.
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File 358:Current BioTech Abs 1983-2003/Jun
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File 370:Science 1996-1999/Jul W3
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information.
File 399:CA SEARCH(R) 1967-2003/UD=13903

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*File 399: Use is subject to the terms of your user/customer agreement.
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File 434:SciSearch(R) Cited Ref Sci 1974-1989/Dec

(c) 1998 Inst for Sci Info

Set	Items	Description
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? s mage(w)1

Processing

Processed 10 of 22 files ...

Completed processing all files

4415 MAGE

19133101 1

S1 1478 MAGE(W)1

? s s1 and py<1993

Processing

Processed 10 of 22 files ...

Processing

>>>One or more prefixes are unsupported

>>> or undefined in one or more files.

Processed 20 of 22 files ...

Processing

Completed processing all files

1478 S1

62108022 PY<1993

S2 15 S1 AND PY<1993

? rd s2

...completed examining records

S3 7 RD S2 (unique items)

? t s3/7/all

>>>Format 7 is not valid in file 143

3/7/1 (Item 1 from file: 5)

DIALOG(R)File 5:Biosis Previews(R)

(c) 2003 BIOSIS. All rts. reserv.

08738186 BIOSIS NO.: 199395027537

A nonapeptide encoded by human gene **MAGE-1** is recognized on

HLA-A1 by cytolytic T lymphocytes directed against tumor antigen MZ2-E.

AUTHOR: Traversari Catia; Van Der Bruggen Pierre; Luescher Immanuel F;

Lurquin Christophe; Chomez Patrick; Van Pel Aline; De Plaen Etienne;

Amar-Costesec Alain; Boon Thierry(a)

AUTHOR ADDRESS: (a)Ludwig Inst. Cancer Res., Brussels Branch, 74 Ave.

Hippocarte, B-1200 Brussels**Belgium

JOURNAL: Journal of Experimental Medicine 176 (5):p1453-1457 1992

ISSN: 0022-1007

DOCUMENT TYPE: Article

RECORD TYPE: Abstract

LANGUAGE: English

ABSTRACT: We have reported the identification of human gene **MAGE-**

1, which directs the expression of an antigen recognized on a

melanoma by autologous cytolytic T lymphocytes (CTL). We show here that

CTL directed against this antigen, which was named MZ2-E, recognize a

nonapeptide encoded by the third exon of gene **MAGE-1**. The CTL

also recognize this peptide when it is presented by mouse cells

transfected with an HLA-A1 gene, confirming the association of antigen

MZ2-E with the HLA-A1 molecule. Other members of the MAGE gene family do

not code for the same peptide or with autologous antigen-presenting

cells pulsed with the peptide.

3/7/2 (Item 2 from file: 5)

DIALOG(R)File 5:Biosis Previews(R)
(c) 2003 BIOSIS. All rts. reserv.

08475081 BIOSIS NO.: 199344025081
Human gene **MAGE-1**, which codes for a tumor-rejection antigen,
is expressed by some breast tumors.
AUTHOR: Brasseur Francis(a); Marchand Marie(a); Vanwijck Romain; Herin
Michel; Lethe Bernard(a); Chomez Patrick(a); Boon Thierry(a)
AUTHOR ADDRESS: (a)Ludwig Inst. Cancer Res., 74 Avenue Hippocrate, 1200
Brussels**K
JOURNAL: International Journal of Cancer 52 (5):p839-841 1992
ISSN: 0020-7136
DOCUMENT TYPE: Letter
RECORD TYPE: Citation
LANGUAGE: English

3/7/3 (Item 1 from file: 6)
DIALOG(R)File 6:NTIS
(c) 2003 NTIS, Intl Cpyrght All Rights Res. All rts. reserv.

1322251 NTIS Accession Number: N87-26076/6
Meteosat P2/Mop 53 Plume Impingement Study
Dettleff, G.
Deutsche Forschungs- und Versuchsanstalt fuer Luft- und Raumfahrt e.V.,
Goettingen (Germany, F.R.).
Corp. Source Codes: 034994000; DO697863
Sponsor: National Aeronautics and Space Administration, Washington, DC.
Report No.: DFVLR-IB-222-86-A-30; ESA-CR(P)-2341
Aug 86 45p
Languages: English
Journal Announcement: GRAI8722; STAR2520
Order this product from NTIS by: phone at 1-800-553-NTIS (U.S.
customers); (703)605-6000 (other countries); fax at (703)321-8547; and
email at orders@ntis.fedworld.gov. NTIS is located at 5285 Port Royal Road,
Springfield, VA, 22161, USA.
NTIS Prices: PC A03/MF A01
Country of Publication: Germany, Federal Republic of
Contract No.: ESA-6729/86-F-CG(SC)

Using results from computer simulations, it is shown that no critical
plume impingement situations arise for Meteosat, except for the
retroreflector. While no problems with this experiment (retroreflector) are
to be expected on the satellite P2, it should not be introduced on F2
without further consideration and analysis. A worst case estimate of mass
flow to this optically sensitive surface yields 0.5 g during spin-up
(thruster V2, ERNO 2 N) and 0.36 g during the transfer orbit phase
(thruster **MAGE 1**). In the exhaust gas of the ERNO 2 N thruster,
NH3 is probably the most dangerous component for optically sensitive
surfaces. The mass flow on the retroreflector (0.5 g) contains 0.08 g NH3.
The composition of the **MAGE 1** exhaust products is not known.
Maximum heat flux values are below the critical value for the ERNO
thrusters to be used in future.

3/7/4 (Item 1 from file: 8)
DIALOG(R)File 8:Ei Compendex(R)
(c) 2003 Elsevier Eng. Info. Inc. All rts. reserv.

01244450 E.I. Monthly No: EIM8209-038014
Title: SIMPLIFIED METHOD TO PREDICT THE CHARRED THICKNESS OF THE THERMAL
INSULATION IN SOLID ROCKET MOTORS.
Author: Ricciardi, A.; Spazio, Difesa E.
Conference Title: AIAA/SAE/ASME 17th Joint Propulsion Conference.
Conference Location: Colorado Springs, Colo, USA Conference Date:

19810727

Sponsor: AIAA, New York, NY, USA; SAE, Warrendale, Pa, USA; ASME, New York, NY, USA

E.I. Conference No.: 00791

Source: AIAA Paper Publ by AIAA, New York, NY, USA AIAA-81-1517, 5 p

Publication Year: 1981

CODEN: AAPRAQ

Language: English

Document Type: PA; (Conference Paper)

Journal Announcement: 8209

3/7/5 (Item 1 from file: 34)

DIALOG(R)File 34:SciSearch(R) Cited Ref Sci

(c) 2003 Inst for Sci Info. All rts. reserv.

02020208 Genuine Article#: JV012 Number of References: 36

Title: A NONAPEPTIDE ENCODED BY HUMAN GENE **MAGE-1** IS RECOGNIZED ON HLA-A1 BY CYTOLYTIC LYMPHOCYTES-T DIRECTED AGAINST TUMOR ANTIGEN-MZ2-E

Author(s): TRAVERSARI C; VANDERBRUGGEN P; LUESCHER IF; LURQUIN C; CHOMEZ P; VANPEL A; DEPLAEN E; AMARCOSESEC A; BOON T

Corporate Source: LUDWIG INST CANC RES,BRUSSELS BRANCH,74 AVE HIPPOCRATE/B-1200 BRUSSELS//BELGIUM/; LUDWIG INST CANC RES,BRUSSELS BRANCH,74 AVE HIPPOCRATE/B-1200 BRUSSELS//BELGIUM/; IST SCI HS RAFFAELE,DIPARTIMENTO EMATOL/I-20100MILAN//ITALY/; LUDWIG INST CANC RES/CH-1066 LAUSANNE//SWITZERLAND/; INT INST CELLULAR & MOLEC PATHOL/B-1200 BRUSSELS//BELGIUM/; CATHOLIC UNIV LOUVAIN,CELLULAR GENET UNIT/B-1200 BRUSSELS//BELGIUM/

Journal: JOURNAL OF EXPERIMENTAL MEDICINE, 1992, V176, N5 (NOV 1), P 1453-1457

ISSN: 0022-1007

Language: ENGLISH Document Type: NOTE

Abstract: We have reported the identification of human gene **MAGE-1**, which directs the expression of an antigen recognized on a melanoma by autologous cytolytic T lymphocytes (CTL). We show here that CTL directed against this antigen, which was named MZ2-E, recognize a nonapeptide encoded by the third exon of gene **MAGE-1**. The CTL also recognize this peptide when it is presented by mouse cells transfected with an HLA-A1 gene, confirming the association of antigen MZ2-E with the HLA-A1 molecule. Other members of the MAGE gene family do not code for the same peptide, suggesting that only **MAGE-1** produces the antigen recognized by the anti-MZ2-E CTL. Our results open the possibility of immunizing HLA-A1 patients whose tumor expresses **MAGE-1** either with the antigenic peptide or with autologous antigen-presenting cells pulsed with the peptide.

3/7/6 (Item 1 from file: 155)

DIALOG(R)File 155:MEDLINE(R)

(c) format only 2003 The Dialog Corp. All rts. reserv.

07224357 92086861 PMID: 1840703

A gene encoding an antigen recognized by cytolytic T lymphocytes on a human melanoma.

van der Bruggen P; Traversari C; Chomez P; Lurquin C; De Plaen E; Van den Eynde B; Knuth A; Boon T

Ludwig Institute for Cancer Research, Brussels, Belgium.

Science (UNITED STATES) Dec 13 1991, 254 (5038) p1643-7,

ISSN 0036-8075 Journal Code: 0404511

Document type: Journal Article

Languages: ENGLISH

Main Citation Owner: NLM

Record type: Completed

Many human melanoma tumors express antigens that are recognized in vitro by cytolytic T lymphocytes (CTLs) derived from the tumor-bearing patient. A gene was identified that directed the expression of antigen MZ2-E on a human melanoma cell line. This gene shows no similarity to known sequences and belongs to a family of at least three genes. It is expressed by the original melanoma cells, other melanoma cell lines, and by some tumor cells of other histological types. No expression was observed in a panel of normal tissues. Antigen MZ2-E appears to be presented by HLA-A1; anti-MZ2-E CTLs of the original patient recognized two melanoma cell lines of other HLA-A1 patients that expressed the gene. Thus, precisely targeted immunotherapy directed against antigen MZ2-E could be provided to individuals identified by HLA typing and analysis of the RNA of a small tumor sample.

Record Date Created: 19920121

Record Date Completed: 19920121

3/7/7 (Item 1 from file: 399)

DIALOG(R) File 399:CA SEARCH(R)

(c) 2003 American Chemical Society. All rts. reserv.

118167452 CA: 118(17)167452r PATENT

Cloning of genes for tumor rejection antigen precursors and their uses

INVENTOR(AUTHOR): Boon, Thierry; Van der Bruggen, Pierre; Van den Eynde, Benoit; Van Pel, Aline; De Plaen, Etienne; Lurquin, Christophe; Chomez, Patrick; Traversari, Catia

LOCATION: USA

ASSIGNEE: Ludwig Institute for Cancer Research

PATENT: PCT International ; WO 9220356 A1 DATE: 921126

APPLICATION: WO 92US4354 (920522) *US 705702 (910523) *US 728838 (910709) *US 764364 (910923) *US 807043 (911212)

PAGES: 143 pp. CODEN: PIXXD2 LANGUAGE: English CLASS: A61K-035/14; A61K-039/00; A61K-037/22; C07K-003/00; C07K-015/00; C07K-017/00; C12Q-001/68; C12Q-001/00; C12Q-015/00 DESIGNATED COUNTRIES: AU; BB; BG; BR; CA; CS; FI; HU; JP; KP; KR; LK; MG; MW; NO; PL; RO; RU; SD; US

DESIGNATED REGIONAL: AT; BE; BF; BJ; CF; CG; CH; CI; CM; DE; DK; ES; FR; GA; GB; GN; GR; IT; LU; MC; ML; MR; NL; SE; SN; TD; TG

SECTION:

CA215002 Immunochemistry

CA201XXX Pharmacology

CA203XXX Biochemical Genetics

CA209XXX Biochemical Methods

IDENTIFIERS: tumor rejection antigen precursor gene cloning, cDNA TRA antigen precursor cloning, neoplasm inhibitor TRA antigen precursor, diagnostic TRA antigen precursor

DESCRIPTORS:

Genetic element, promoter...

antigen TRA gene expression in animal cells using

Mast cell, neoplasm...

antigens TRA of, of mouse, gene for, cloning of

Melanoma...

antigens TRA of, of mouse or human, gene for, cloning of

Neoplasm...

diagnosis of, tumor rejection antigen precursors for

Antigens, TRA (tumor-rejection antigen)...

E, gene for, of human melanoma, cloning of

Mycobacterium BCG...

expression vector contg. DNA of, for antigen TRA gene

Virus... Virus, animal, vaccinia...

expression vector derived from, for antigen TRA gene

Gene, animal...

for antigens TRA, of human or mouse, cloning of

Mouse...

gene for antigens TRA of human or, cloning of

Histocompatibility antigens,HLA... Lymphokines and Cytokines... Lymphokines and Cytokines,interleukin 2... Lymphokines and Cytokines,interleukin 4... Lymphokines and Cytokines,interleukins...

gene for, co-transformation of biol. pure cells with antigen TRA gene and

Histocompatibility antigens,HLA-A1...

gene for, co-transformation of biol. pure cells with tumor rejection antigen precursor gene and

Antigens,TRA (tumor-rejection antigen)...

gene for, of human or mouse, cloning of

Histocompatibility antigens,MHC (major histocompatibility complex)...

gene for, transformation of biol. pure cells expressing, with antigen TRA gene

Lymphocyte,T-cell, cytotoxic...

immune response of, to cancer cells, tumor rejection antigen precursors-provoked

Polymerase chain reaction...

in detection of tumor rejection antigen precursor genes expression

Antigens,TRA (tumor-rejection antigen)...

MAGE-1, gene for, of human melanoma, cloning of

Antigens,TRA (tumor-rejection antigen)...

MAGE-10, gene for, of human melanoma, cloning of

Antigens,TRA (tumor-rejection antigen)...

MAGE-11, gene for, of human melanoma, cloning of

Antigens,TRA (tumor-rejection antigen)...

MAGE-2, gene for, of human melanoma, cloning of

Antigens,TRA (tumor-rejection antigen)...

MAGE-3, gene for, of human melanoma, cloning of

Antigens,TRA (tumor-rejection antigen)...

MAGE-4, gene for, of human melanoma, cloning of

Antigens,TRA (tumor-rejection antigen)...

MAGE-5, gene for, of human melanoma, cloning of

Antigens,TRA (tumor-rejection antigen)...

MAGE-6, gene for, of human melanoma, cloning of

Antigens,TRA (tumor-rejection antigen)...

MAGE-7, gene for, of human melanoma, cloning of

Antigens,TRA (tumor-rejection antigen)...

MAGE-8, gene for, of human melanoma, cloning of

Antigens,TRA (tumor-rejection antigen)...

MAGE-9, gene for, of human melanoma, cloning of

Deoxyribonucleic acid sequences... Deoxyribonucleic acids,complementary...

Ribonucleic acid sequences...

of antigens TRA gene of human or mouse

Protein sequences...

of antigens TRA of mouse

Molecular cloning...

of gene for antigens TRA, of human or mouse

Animal cell line...

PO.HTR, P815 tumor antigens A and B and C-deficient, transformation of, with mouse tumor rejection antigen

Antigens,TRA (tumor-rejection antigen)...

P1A, gene for, of mouse mastocytoma, cloning of

Animal cell line...

P1A.TC3.1, mouse tumor rejection antigen P1A gene-contg.

Animal cell line...

P1A.T2, mouse tumor rejection antigen P1A gene-contg.

Antigens,TRA (tumor-rejection antigen)...

smage-I, gene for, of mouse melanoma, cloning of

Antigens,TRA (tumor-rejection antigen)...

smage-II, gene for, of mouse melanoma, cloning of

Immunity...

to cancers provoked by tumor rejection antigen precursors

Antibodies... Antibodies,monoclonal...

to tumor rejection antigen precursors

Bacteria...

transformation of, with antigen TRA gene

Animal tissue... Body fluid...

tumor rejection antigen precursor detection in, for monitoring
cancerous state

Neoplasm inhibitors... Vaccines...

tumor rejection antigen precursors as

CAS REGISTRY NUMBERS:

136361-96-1 amino acid sequence of and cloning of cDNA for, complete

145882-36-6 antigenic peptide for tumor rejection antigen P1A of A+B+
cells

140101-03-7 146707-11-1 146707-12-2 146707-13-3 146707-15-5

146707-16-6 146707-18-8 146707-20-2 146707-22-4 146707-24-6

146707-25-7 146707-27-9 146707-29-1 146707-30-4 146707-32-6

146707-34-8 146707-36-0 146707-38-2 146707-40-6 146707-42-8

nucleotide sequence and cloning of

136362-51-1 146313-12-4 146707-14-4 146707-17-7 146707-19-9

146707-21-3 146707-23-5 146707-26-8 146707-28-0 146707-31-5

146707-33-7 146707-35-9 146707-37-1 146707-39-3 146707-41-7

nucleotide sequence and cloning of, complete

146707-10-0 nucleotide sequence of

? s (mZ2(w)E) and (tumor? or tumour? or cancer?)

Processing

Processed 10 of 22 files ...

Completed processing all files

233 MZ2

3736909 E

71 MZ2(W)E

3768212 TUMOR?

520045 TUMOUR?

3297306 CANCER?

S4 66 (MZ2(W)E) AND (TUMOR? OR TUMOUR? OR CANCER?)

? rd s4

...examined 50 records (50)

...completed examining records

S5 29 RD S4 (unique items)

? t s5/3/all

5/3/1 (Item 1 from file: 5)

DIALOG(R)File 5:Biosis Previews(R)

(c) 2003 BIOSIS. All rts. reserv.

12962939 BIOSIS NO.: 200100170088

Structurally modified peptides that are resistant to peptidase degradation.

AUTHOR: Gairin Jean Edouard(a); Ayyoub Maha; Van Den Eynde Benoit;

Mazarguil Honore; Monsarrat Bernard

AUTHOR ADDRESS: (a)Toulouse**France

JOURNAL: Official Gazette of the United States Patent and Trademark Office

Patents 1236 (2):pNo Pagination July 11, 2000

MEDIUM: e-file

ISSN: 0098-1133

DOCUMENT TYPE: Patent

RECORD TYPE: Abstract

LANGUAGE: English

5/3/2 (Item 2 from file: 5)

DIALOG(R)File 5:Biosis Previews(R)

(c) 2003 BIOSIS. All rts. reserv.

10716074 BIOSIS NO.: 199799337219

High frequency of the MAGE-1 gene expression in hepatocellular carcinoma.

AUTHOR: Yamashita Nobuyuki; Ishibashi Hiromi(a); Hayashida Kazuhiro; Kudo

Jiro; Takenaka Kenji; Itoh Kyogo; Niho Yoshiyuki

AUTHOR ADDRESS: (a)First Dep. Intern. Med., Fac. Med., Kyushu Univ., 3-1-1
Maidashi, Higashi-ku, Fukuoka 812-82**Japan
JOURNAL: Hepatology 24 (6):p1437-1440 1996
ISSN: 0270-9139
RECORD TYPE: Abstract
LANGUAGE: English

5/3/3 (Item 3 from file: 5)
DIALOG(R)File 5:Biosis Previews(R)
(c) 2003 BIOSIS. All rts. reserv.

10177417 BIOSIS NO.: 199698632335
The SMAGE gene family is expressed in post-meiotic spermatids during mouse
germ cell differentiation.
AUTHOR: Chomez Patrick(a); Williams Reg; De Backer Olivier; Boon Thierry;
Vennstrom Bjorn
AUTHOR ADDRESS: (a)Lab. Dev. Biol., Dep. Cell Mol. Biol., Karolinska Inst.,
S-171 77 Stockholm**Sweden
JOURNAL: Immunogenetics 43 (1-2):p97-100 1996
ISSN: 0093-7711
DOCUMENT TYPE: Article
RECORD TYPE: Citation
LANGUAGE: English

5/3/4 (Item 4 from file: 5)
DIALOG(R)File 5:Biosis Previews(R)
(c) 2003 BIOSIS. All rts. reserv.

09687503 BIOSIS NO.: 199598142421
Expression of MAGE-1, -2, -3 mRNA in gastric carcinoma.
AUTHOR: Inoue Hiroshi; Li Jian; Honda Masayuki; Nakashima Hideaki; Shibuta
Kenji; Arinaga Shiya; Ueo Hiroaki; Akiyoshi Tsuyoshi(a)
AUTHOR ADDRESS: (a)Dep. Surg., Med. Inst. Bioregulation, Kyushu Univ.,
Beppu 874**Japan
JOURNAL: Medical Science Research 22 (11):p793-794 1994
ISSN: 0269-8951
DOCUMENT TYPE: Article
RECORD TYPE: Citation
LANGUAGE: English

5/3/5 (Item 5 from file: 5)
DIALOG(R)File 5:Biosis Previews(R)
(c) 2003 BIOSIS. All rts. reserv.

09490564 BIOSIS NO.: 199497498934
Autologous cytolytic T lymphocytes recognize a MAGE-1 nonapeptide on
melanomas expressing HLA-Cw*1601.
AUTHOR: Van Der Bruggen Pierre; Szikora Jean-Pierre; Boel Pascale; Wildmann
Claude; Somville Michel; Sensi Marialuisa; Boon Thierry(a)
AUTHOR ADDRESS: (a)Ludwig Inst. Cancer Res., Brussels Branch, 74 avenue
Hippocrate - UCL 74.59, B1200 Brussels**Belgium
JOURNAL: European Journal of Immunology 24 (9):p2134-2140 1994
ISSN: 0014-2980
DOCUMENT TYPE: Article
RECORD TYPE: Abstract
LANGUAGE: English

5/3/6 (Item 6 from file: 5)
DIALOG(R)File 5:Biosis Previews(R)
(c) 2003 BIOSIS. All rts. reserv.

09443695 BIOSIS NO.: 199497452065

Generation of specific anti-melanoma reactivity by stimulation of human
tumor-infiltrating lymphocytes with MAGE-1 synthetic peptide.

AUTHOR: Salgaller Michael L(a); Weber Jeffrey S; Koenig Scott; Yannelli
John R; Rosenberg Steven A

AUTHOR ADDRESS: (a)Surg. Branch, Building 10, Room 2B08, National Cancer
Inst., National Inst. Health, Bethesda, MD**USA

JOURNAL: Cancer Immunology Immunotherapy 39 (2):p105-116 1994

ISSN: 0340-7004

DOCUMENT TYPE: Article

RECORD TYPE: Abstract

LANGUAGE: English

5/3/7 (Item 7 from file: 5)

DIALOG(R)File 5:Biosis Previews(R)

(c) 2003 BIOSIS. All rts. reserv.

09440690 BIOSIS NO.: 199497449060

Localization of the MAGE1 gene encoding a human melanoma antigen to
chromosome Xq28.

AUTHOR: Wang M G; Zakut R; Yi H; Rosenberg S; McBride O Wesley(a)

AUTHOR ADDRESS: (a)Lab. Biochem., Natl. Cancer Inst., NIH, Bethesda, MD
20892**USA

JOURNAL: Cytogenetics and Cell Genetics 67 (2):p116-119 1994

ISSN: 0301-0171

DOCUMENT TYPE: Article

RECORD TYPE: Abstract

LANGUAGE: English

5/3/8 (Item 8 from file: 5)

DIALOG(R)File 5:Biosis Previews(R)

(c) 2003 BIOSIS. All rts. reserv.

09184853 BIOSIS NO.: 199497193223

Human gene MAGE-3 codes for an antigen recognized on a melanoma by
autologous cytolytic T lymphocytes.

AUTHOR: Gaugler Beatrice; Van Den Eynde Benoit; Van Der Bruggen Pierre;
Romero Pedro; Gaforio Jose Juan; De Plaen Etienne; Lethe Bernard;
Brasseur Francis; Boon Thierry(a)

AUTHOR ADDRESS: (a)Ludwig Institute for Cancer Research, Brussels Branch,
74 Ave. Hippocrate, UCL 74-59, B-1200 Bru**Belgium

JOURNAL: Journal of Experimental Medicine 179 (3):p921-930 1994

ISSN: 0022-1007

DOCUMENT TYPE: Article

RECORD TYPE: Abstract

LANGUAGE: English

5/3/9 (Item 9 from file: 5)

DIALOG(R)File 5:Biosis Previews(R)

(c) 2003 BIOSIS. All rts. reserv.

08762938 BIOSIS NO.: 199395052289

Differential expression of MAGE-1, -2, and -3 messenger RNA in transformed
and normal human cell lines.

AUTHOR: Zakut Rina; Topalian Suzanne L(a); Kawakami Yutaka; Mancini Marie;
Eliyahu Siona; Rosenberg Steven A

AUTHOR ADDRESS: (a)National Cancer Inst., NIH, 9000 Rockville Pike,
Building 10, Room 2B47, Bethesda, Md. 20892

JOURNAL: Cancer Research 53 (1):p5-8 1993

ISSN: 0008-5472

DOCUMENT TYPE: Article
RECORD TYPE: Abstract
LANGUAGE: English

5/3/10 (Item 10 from file: 5)
DIALOG(R)File 5:Biosis Previews(R)
(c) 2003 BIOSIS. All rts. reserv.

08738186 BIOSIS NO.: 199395027537
A nonapeptide encoded by human gene MAGE-1 is recognized on HLA-A1 by
cytolytic T lymphocytes directed against **tumor** antigen **MZ2-**
E.
AUTHOR: Traversari Catia; Van Der Bruggen Pierre; Luescher Immanuel F;
Lurquin Christophe; Chomez Patrick; Van Pel Aline; De Plaen Etienne;
Amar-Costesec Alain; Boon Thierry(a)
AUTHOR ADDRESS: (a)Ludwig Inst. Cancer Res., Brussels Branch, 74 Ave.
Hippocarte, B-1200 Brussels**Belgium
JOURNAL: Journal of Experimental Medicine 176 (5):p1453-1457 1992
ISSN: 0022-1007
DOCUMENT TYPE: Article
RECORD TYPE: Abstract
LANGUAGE: English

5/3/11 (Item 11 from file: 5)
DIALOG(R)File 5:Biosis Previews(R)
(c) 2003 BIOSIS. All rts. reserv.

08597864 BIOSIS NO.: 199345015939
Genetic analysis of human **tumor** rejection antigens.
AUTHOR: Coulie Pierre G; Van Der Bruggen Pierre; Van Den Eynde Benoit; De
Plaen Etienne; Chomez Patrick; Lurquin Christophe; Boon Thierry
AUTHOR ADDRESS: Ludwig Inst. Cancer Res., Brussels Unit Cellular Genetics
Unit, Catholic Univ. Louvain, Brussels**Belgium
JOURNAL: Journal of Cellular Biochemistry Supplement 0 (17 PART D):p92
1993
CONFERENCE/MEETING: Keystone Symposium on Cellular Immunity and the
Immunotherapy of Cancer Taos, New Mexico, USA March 17-24, 1993
ISSN: 0733-1959
RECORD TYPE: Citation
LANGUAGE: English

5/3/12 (Item 12 from file: 5)
DIALOG(R)File 5:Biosis Previews(R)
(c) 2003 BIOSIS. All rts. reserv.

08595298 BIOSIS NO.: 199345013373
Tumor antigens recognized by cytolytic T lymphocytes: Present
perspectives for specific immunotherapy.
AUTHOR: Boon Thierry
AUTHOR ADDRESS: Cellular Genetics Unit, Univ. Catholique Louvain B-1200
Brussels**Belgium
JOURNAL: International Journal of Cancer 54 (2):p177-180 1993
ISSN: 0020-7136
DOCUMENT TYPE: Article
RECORD TYPE: Citation
LANGUAGE: English

5/3/13 (Item 13 from file: 5)
DIALOG(R)File 5:Biosis Previews(R)
(c) 2003 BIOSIS. All rts. reserv.

08475081 BIOSIS NO.: 199344025081

Human gene MAGE-1, which codes for a tumor-rejection antigen, is expressed by some breast tumors.

AUTHOR: Brasseur Francis(a); Marchand Marie(a); Vanwijck Romain; Herin Michel; Lethe Bernard(a); Chomez Patrick(a); Boon Thierry(a)

AUTHOR ADDRESS: (a)Ludwig Inst. Cancer Res., 74 Avenue Hippocrate, 1200 Brussels**K

JOURNAL: International Journal of Cancer 52 (5):p839-841 1992

ISSN: 0020-7136

DOCUMENT TYPE: Letter

RECORD TYPE: Citation

LANGUAGE: English

5/3/14 (Item 14 from file: 5)

DIALOG(R)File 5:Biosis Previews(R)

(c) 2003 BIOSIS. All rts. reserv.

07999576 BIOSIS NO.: 000093055249

A GENE ENCODING AN ANTIGEN RECOGNIZED BY CYTOLYTIC T LYMPHOCYTES ON A HUMAN MELANOMA

AUTHOR: VAN DER BRUGGEN P; TRAVERSARI C; CHOMEZ P; LURQUIN C; DE PLAEN E; VAN DEN EYNDE B; KNUTH A; BOON T

AUTHOR ADDRESS: LUDWIG INSTITUTE FOR CANCER RES., B-1200 BRUSSELS, BELGIUM.

JOURNAL: SCIENCE (WASHINGTON D C) 254 (5038). 1991. 1643-1647. 1991

FULL JOURNAL NAME: SCIENCE (Washington D C)

CODEN: SCIEA

RECORD TYPE: Abstract

LANGUAGE: ENGLISH

5/3/15 (Item 1 from file: 34)

DIALOG(R)File 34:SciSearch(R) Cited Ref Sci

(c) 2003 Inst for Sci Info. All rts. reserv.

03513413 Genuine Article#: PJ300 No. References: 56

Title: AUTOLOGOUS CYTOLYTIC T-LYMPHOCYTES RECOGNIZE A MAGE-1 NONAPEPTIDE ON MELANOMAS EXPRESSING HLA-CW-ASTERISK-1601

Author(s): VANDERBRUGGEN P; SZIKORA JP; BOEL P; WILDMANN C; SOMVILLE M; SENSI M; BOON T

Corporate Source: LUDWIG INST CANC RES, BRUSSELS BRANCH, 74 AVE

HIPPOCRATE, UCL 7459/B-1200 BRUSSELS//BELGIUM/; LUDWIG INST CANC

RES, BRUSSELS BRANCH/B-1200 BRUSSELS//BELGIUM/; UNIV CATHOLIQUE

LOUVAIN, CELLULAR GENET LAB/LOUVAIN//BELGIUM/; IST NAZL STUDIO & CURA

TUMORI, DIV EXPTL ONCOL D/MILAN//ITALY/

Journal: EUROPEAN JOURNAL OF IMMUNOLOGY, 1994, V24, N9 (SEP), P2134-2140

ISSN: 0014-2980

Language: ENGLISH Document Type: ARTICLE (Abstract Available)

5/3/16 (Item 2 from file: 34)

DIALOG(R)File 34:SciSearch(R) Cited Ref Sci

(c) 2003 Inst for Sci Info. All rts. reserv.

02465846 Genuine Article#: LD598 No. References: 11

Title: PERSPECTIVES FOR IMMUNIZATION OF HLA-A1 PATIENTS CARRYING A MALIGNANT-MELANOMA EXPRESSING GENE MAGE-1

Author(s): MARCHAND M; BRASSEUR F; VANDERBRUGGEN P; COULIE P; BOON T

Corporate Source: LUDWIG INST CANC RES, BRUSSELS BRANCH, 74 AVE

HIPPOCRATE/B-1200 BRUSSELS//BELGIUM/; UNIV CATHOLIQUE LOUVAIN, CELLULAR

GENET UNIT/B-1200 BRUSSELS//BELGIUM/

Journal: DERMATOLOGY, 1993, V186, N4, P278-280

ISSN: 1018-8665

Language: ENGLISH Document Type: NOTE (Abstract Available)

5/3/17 (Item 3 from file: 34)
DIALOG(R)File 34:SciSearch(R) Cited Ref Sci
(c) 2003 Inst for Sci Info. All rts. reserv.

02136845 Genuine Article#: KD719 No. References: 19
Title: DIFFERENTIAL EXPRESSION OF MAGE-1, MAGE-2, AND MAGE-3 MESSENGER-RNA
IN TRANSFORMED AND NORMAL HUMAN CELL-LINES
Author(s): ZAKUT R; TOPALIAN SL; KAWAKAMI Y; MANCINI M; ELIYAHU S;
ROSENBERG SA
Corporate Source: NCI,SURG BRANCH,9000 ROCKVILLE PIKE,BLDG 10,ROOM
2B47/BETHESDA//MD/20892; NCI,SURG BRANCH,9000 ROCKVILLE PIKE,BLDG
10,ROOM 2B47/BETHESDA//MD/20892
Journal: CANCER RESEARCH, 1993, V53, N1 (JAN 1), P5-8
ISSN: 0008-5472
Language: ENGLISH Document Type: NOTE (Abstract Available)

5/3/18 (Item 4 from file: 34)
DIALOG(R)File 34:SciSearch(R) Cited Ref Sci
(c) 2003 Inst for Sci Info. All rts. reserv.

02020208 Genuine Article#: JV012 No. References: 36
Title: A NONAPEPTIDE ENCODED BY HUMAN GENE MAGE-1 IS RECOGNIZED ON HLA-A1
BY CYTOLYTIC LYMPHOCYTES-T DIRECTED AGAINST TUMOR ANTIGEN-
MZ2-E
Author(s): TRAVERSARI C; VANDERBRUGGEN P; LUESCHER IF; LURQUIN C; CHOMEZ P;
VANPEL A; DEPLAEN E; AMARCOSESEC A; BOON T
Corporate Source: LUDWIG INST CANC RES,BRUSSELS BRANCH,74 AVE
HIPPOCRATE/B-1200 BRUSSELS//BELGIUM/; LUDWIG INST CANC RES,BRUSSELS
BRANCH,74 AVE HIPPOCRATE/B-1200 BRUSSELS//BELGIUM/; IST SCI HS
RAFFAELE,DIPARTIMENTO EMATOL/I-20100MILAN//ITALY/; LUDWIG INST CANC
RES/CH-1066 LAUSANNE//SWITZERLAND/; INT INST CELLULAR & MOLEC
PATHOL/B-1200 BRUSSELS//BELGIUM/; CATHOLIC UNIV LOUVAIN,CELLULAR GENET
UNIT/B-1200 BRUSSELS//BELGIUM/
Journal: JOURNAL OF EXPERIMENTAL MEDICINE, 1992, V176, N5 (NOV 1), P
1453-1457
ISSN: 0022-1007
Language: ENGLISH Document Type: NOTE (Abstract Available)

5/3/19 (Item 5 from file: 34)
DIALOG(R)File 34:SciSearch(R) Cited Ref Sci
(c) 2003 Inst for Sci Info. All rts. reserv.

01375581 Genuine Article#: GV073 No. References: 31
Title: A GENE ENCODING AN ANTIGEN RECOGNIZED BY CYTOLYTIC LYMPHOCYTES-T ON
A HUMAN-MELANOMA
Author(s): VANDERBRUGGEN P; TRAVERSARI C; CHOMEZ P; LURQUIN C; DEPLAEN E;
VANDENEYND E; KNUTH A; BOON T
Corporate Source: LUDWIG INST CANC RES/B-1200 BRUSSELS//BELGIUM/; LUDWIG
INST CANC RES/B-1200 BRUSSELS//BELGIUM/; CATHOLIC UNIV LOUVAIN,CELLULAR
GENET UNIT/B-1200 BRUSSELS//BELGIUM/; UNIV MAINZ,MED KLIN & POLIKLIN
1/D-6500 MAINZ//FED REP GER/
Journal: SCIENCE, 1991, V254, N5038, P1643-1647
Language: ENGLISH Document Type: ARTICLE (Abstract Available)

5/3/20 (Item 1 from file: 73)
DIALOG(R)File 73:EMBASE
(c) 2003 Elsevier Science B.V. All rts. reserv.

07284227 EMBASE No: 1998182540

Melanoma receptors

RECEPTEURS DE MELANOME

Diaz-Perez J.L.

J.L. Diaz-Perez, Servicio Dermatologia, Hospital de Cruces, Plaza de las Cruces S/N, 48903 Barakaldo (Vizcaya) Spain

Nouvelles Dermatologiques (NOUV. DERMATOL.) (France) 1998, 17/4 (194-197)

CODEN: NODEE ISSN: 0752-5370

DOCUMENT TYPE: Journal; Conference Paper

LANGUAGE: FRENCH SUMMARY LANGUAGE: ENGLISH; FRENCH

5/3/21 (Item 2 from file: 73)

DIALOG(R)File 73:EMBASE

(c) 2003 Elsevier Science B.V. All rts. reserv.

05386466 EMBASE No: 1993154565

Perspective for immunization fo HLA-A1 patients carrying a malignant melanoma expressing gene MAGE-1

Marchand M.; Brasseur F.; van der Bruggen P.; Coulie P.; Boon T.

Ludwig Institute for Cancer Research, 74 avenue Hippocrate,B-1200 Brussels

Dermatology (DERMATOLOGY) (Switzerland) 1993, 186/4 (278-280)

CODEN: DERAEE ISSN: 1018-8665

DOCUMENT TYPE: Journal; Conference Paper

LANGUAGE: ENGLISH SUMMARY LANGUAGE: ENGLISH

5/3/22 (Item 1 from file: 144)

DIALOG(R)File 144:Pascal

(c) 2003 INIST/CNRS. All rts. reserv.

13647921 PASCAL No.: 98-0354641

Recepteurs du melanome

Comment allons-nous vers l'an 2000?

(Melanoma receptors)

(How are we getting to the year 2000?)

DIAZ PEREZ J L

FARAH G, pref

Servicio Dermatologia - Hospital de Cruces - Plaza de las Cruces S/N, 48903 Barakaldo (Vizcaya), Spain

Laboratoires Pierre Fabre Dermo-Cosmetique, 81106 Castres, France

Laboratoires Pierre Fabre dermo-cosmetique, Castres, France.

Jean Louis Alibert Symposium, 6 Symposium Jean Louis Alibert, 6 (Barcelona ESP) 1998-01-30

Journal: Les Nouvelles dermatologiques, 1998, 17 (4) 194-197

Language: French; English

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5/3/23 (Item 2 from file: 144)

DIALOG(R)File 144:Pascal

(c) 2003 INIST/CNRS. All rts. reserv.

12102992 PASCAL No.: 95-0332471

Presentation of synthetic peptide antigen encoded by the MAGE-1 gene by granulocyte/macrophage-colony-stimulating-factor-cultured macrophages from HLA-A1 melanoma patients

YAMASAKI S; OKINO T; CHAKRABORTY N G; ADKISSON W O; SAMPIERI A; PADULA S J; MAURI F; BIJAY MUKHERJI

Univ. Connecticut health cent., dep. medicine, Farmington CT 06030-3210, USA

Journal: Cancer immunology and immunotherapy, 1995, 40 (4) 268-271
Language: English

5/3/24 (Item 3 from file: 144)
DIALOG(R)File 144:Pascal
(c) 2003 INIST/CNRS. All rts. reserv.

10923043 PASCAL No.: 93-0432406
Perspectives for immunization of HLA-A1 patients arrying a malignant melanoma expressing gene MAGE-1
MARCHAND M; BRASSEUR F; VAN DER BRUGGEN P; COULIE P; BOON T
Univ. catholique Louvain, Ludwig inst. cancer res., Brussels branch, 1200 Brussels, Belgium
Belgian Royal Society for Dermatology and Syphiligraphy. Meeting (Brussels BEL) 1992-03-28
Journal: Dermatology : (Basel), 1993, 186 (4) 278-280
Language: English

5/3/25 (Item 1 from file: 357)
DIALOG(R)File 357:Derwent Biotech Res.
(c) 2003 Thomson Derwent & ISI. All rts. reserv.

0228333 DBR Accession No.: 98-09930 PATENT
Peptidase-resistant proteins that bind to HLA molecules and related antibodies - particularly for treatment of cancer by inducing proliferation of cytotoxic-T-lymphocyte
AUTHOR: Aygoub M; Monsarrat B; Mazarguil H; van den Eynde B; Gairin J E
CORPORATE SOURCE: Ayyoub M; Monsarrat B; Mazarguil H; van den Eynde B; Gairin J E
PATENT ASSIGNEE: Ludwig-Inst.Cancer-Res.; CNRS 1998
PATENT NUMBER: WO 9833511 PATENT DATE: 980806 WPI ACCESSION NO.: 98-437166 (9837)
PRIORITY APPLIC. NO.: US 795733 APPLIC. DATE: 970205
NATIONAL APPLIC. NO.: WO 97US21296 APPLIC. DATE: 971119
LANGUAGE: English

5/3/26 (Item 1 from file: 399)
DIALOG(R)File 399:CA SEARCH(R)
(c) 2003 American Chemical Society. All rts. reserv.

134325193 CA: 134(23)325193u PATENT
Isolated nonapeptides presented by HLA molecules and their use in cancer diagnosis and therapy
INVENTOR(AUTHOR): Boon-Falleur, Thierry; Van der Bruggen, Pierre; De Plaen, Etienne; Lurquin, Christoph; Traversari, Catia; Gaugler, Beatrice; Van den Eynde, Benoit; Romero, Pedro
LOCATION: USA
ASSIGNEE: Ludwig Institute for Cancer Research
PATENT: United States ; US 6222012 B1 DATE: 20010424
APPLICATION: US 393273 (19950223) *US 938334 (19920831) *US 37230 (19930326) *US 73103 (19930607)
PAGES: 28 pp., Cont.-in-part of U.S. 5,462,871. CODEN: USXXAM
LANGUAGE: English CLASS: 530328000; C07K-007/00A; A61K-038/04B

5/3/27 (Item 2 from file: 399)
DIALOG(R)File 399:CA SEARCH(R)
(c) 2003 American Chemical Society. All rts. reserv.

125056225 CA: 125(5)56225u PATENT
Specific immunotherapy of cancer using a live recombinant bacterial

vaccine vector

INVENTOR(AUTHOR): Paterson, Yvonne

LOCATION: USA

ASSIGNEE: Trustees of the University of Pennsylvania

PATENT: PCT International ; WO 9614087 A1 DATE: 960517

APPLICATION: WO 95US14741 (951103) *US 336372 (941108)

PAGES: 30 pp. CODEN: PIXXD2 LANGUAGE: English CLASS: A61K-039/02A;

A61K-045/05B DESIGNATED COUNTRIES: CA; JP DESIGNATED REGIONAL: AT; BE; CH
; DE; DK; ES; FR; GB; GR; IE; IT; LU; MC; NL; PT; SE

5/3/28 (Item 3 from file: 399)

DIALOG(R)File 399:CA SEARCH(R)

(c) 2003 American Chemical Society. All rts. reserv.

122311879 CA: 122(25)311879n JOURNAL

Expression of MAGE genes in transitional-cell carcinomas of the urinary
bladder

AUTHOR(S): Patard, Jean-Jacques; Brasseur, Francis; Gil-Diez, Sixtina;
Radvanyi, Francois; Marchand, Marie; Francois, Philippe; Abi-Aad, Antoine;
Cangh, Paul Van; Abbou, Clement Claude; et al.

LOCATION: Ludwig Institute Cancer Research, B-1200, Brussels, Belg.

JOURNAL: Int. J. Cancer DATE: 1995 VOLUME: 64 NUMBER: 1 PAGES: 60-4

CODEN: IJCNAW ISSN: 0020-7136 LANGUAGE: English

5/3/29 (Item 4 from file: 399)

DIALOG(R)File 399:CA SEARCH(R)

(c) 2003 American Chemical Society. All rts. reserv.

121273849 CA: 121(23)273849x PATENT

Manufacture of antigens in gag protein-based particles using a minimal
retroviral expression cassette

INVENTOR(AUTHOR): Czaplewski, Lloyd George

LOCATION: UK,

ASSIGNEE: British Bio-Technology Ltd.

PATENT: PCT International ; WO 9420621 A2 DATE: 940915

APPLICATION: WO 94GB281 (940211) *GB 934239 (930301)

PAGES: 40 pp. CODEN: PIXXD2 LANGUAGE: English CLASS: C12N-015/48A;

A61K-037/02B; C12N-005/10B; G01N-033/50B; C12P-021/00B; C07K-015/04B;
C12P-021/08B DESIGNATED COUNTRIES: AU; CA; CN; DE; FI; GB; JP; KR; NO; NZ;
RU; UA; US DESIGNATED REGIONAL: AT; BE; CH; DE; DK; ES; FR; GB; GR; IE; IT
; LU; MC; NL; PT; SE
?

/7/6 (Item 1 from file: 155)
DIALOG(R) File 155:MEDLINE(R)
(c) format only 2003 The Dialog Corp. All rts. reserv.

06973067 91213559 PMID: 1708584

DNA cytometry in gastric **cancer** --a comparison between static cytometry on cytologic and histologic preparations and flow cytometry]

DNA-Zytophotometrie am **Magenkarzinom** --Ein Vergleich zwischen der statischen Zytophotometrie an Schnittpräparaten und Ausstrichpräparaten und der Flusszytophotometrie.

Mellin W; Olf C; Bocker W

Gerhard-Domagk-Institut für Pathologie, Universität Münster.

Verhandlungen der Deutschen Gesellschaft für Pathologie (GERMANY)

1990, 74 p203-6, ISSN 0070-4113 Journal Code: 7503704

Document type: Journal Article ; English Abstract

Languages: GERMAN

Main Citation Owner: NLM

Record type: Completed

Static cytometry on cytologic and histologic preparations and flow cytometry are the basic techniques of DNA cytometry with certain advantages and drawbacks. An exact and reliable assessment of DNA ploidy and stem line **heterogeneity** of paraffin-embedded specimens is best performed with static cytometry on smears. The high resolution of DNA histograms in flow cytometry is reduced by the often strong portion of detritus and therefore the internal reference peak or small **tumor** stem lines might not be identified. The use of histologic preparations is advantageous for the analysis of correlations between histomorphologic **tumor heterogeneity** and stem line **heterogeneity**.

Record Date Created: 19910528

ds

Set	Items	Description
S1	72	MAGE? AND (POLYMORPHISM)
S2	55	RD S1 (unique items)
S3	70	MAGE? (30N) (HETEROGEN?) AND (TUMOR? OR TUMOUR? OR CANCER?)
S4	29	RD S3 (unique items)
S5	4426	MAGE? AND (TUMOR? OR TUMOUR? OR CANCER?)
S6	1722	S5 AND PY<1993
S7	15	S6 AND (POLYMORPH? OR HETEROGEN?)
S8	7	RD S7 (unique items)
S9	2	TUMOR(W)PRECURSOR AND (HETEROGEN? OR POLYMORPHISM?)
S10	2	RD S9 (unique items)
?		